



ABSTRACT OF THE DISCLOSURE

An apparatus for gene examination, a method of gene examination and an instrument for sample preparation, by which all the steps, from sample pretreatment step to PCR amplification and PCR product detection steps, can be carried out using one and a plurality of sample preparation units and contamination between steps can be thereby prevented and which makes it easy to treat a number of specimens simultaneously. Wherein sample preparation unit comprises an upper opening, a lower opening and a channel connecting the upper opening and lower opening, and the channel comprises a first filter, a second filter and third filter.